

CASE STUDY

Structural concrete repairs in a high traffic urban environment

Client: Bradford Metropolitan Borough Council

Location: Bradford

Contract Value: £322,379.00

Contract period: 24 Weeks



This complex project, originally envisaged as taking 26 weeks, involved concrete repairs, strengthening works and parapet replacement on a 12m high retaining wall to a main traffic artery outside the city centre.

We used hydro demolition techniques to remove the existing stringcourse. This was followed by structural upgrading of the stringcourse and installation of a new parapet system, together with works including sections of concrete repairs to the existing wall face and to the bridge abutments and finally the application of waterproof protective coatings.

The CR Reynolds team implemented a bespoke self supportive formwork system to allow fast turnaround between concrete pours while maintaining the curvature of the existing wall. All concreting works were completed without any road closures, minimising disruption to traffic flow in the area even in peak periods.

This contract was completed two weeks ahead of schedule.